L. DOUGLAS SMOOT Curriculum Vitae

I. SUMMARY

Dr. L. Douglas Smoot is Professor Emeritus of Chemical Engineering, Founding Director of the Advanced Combustion Engineering Research Center at Brigham Young University, and Dean Emeritus of the College of Engineering and Technology. He is also a consultant and expert witness in explosion, combustion, energy, environment and propulsion-related areas.

Dr. Smoot completed his graduate work at the University of Washington in 1960. He has been at Brigham Young University since 1967 and was Department Chairman from 1970 to 1977 and Dean from 1977 to 1994. Previous experience included four years at Lockheed, one year at California Institute of Technology, and summers with Hercules, Phillips Petroleum Company and Boeing. He has also consulted with about seventy companies and agencies in energy, combustion, fires and explosions, and chemical propulsion in the United States, Europe and the Orient. He has been a consultant and expert witness on many legal cases involving a variety of explosions and fires over the past two decades.

While serving as Dean from 1977 to 1994, the college external research budget increased by more than ten-fold, the number of faculty was increased by 35, and college majors more than doubled. He developed and implemented a five-year college development plan, a "profile" method for administering and evaluating departments, an effective teacher development program, and a building program to accommodate the rapid enrollment issue, including the new Crabtree Technology Building.

Since 1968, Dr. Smoot has served as principal investigator or project director at BYU on over \$35,000,000 in combustion-related research from industrial and governmental agencies including The Electric Power Research Institute, U.S. Bureau of Mines, NASA, Lockheed, the Navy Department, the U.S. Department of Energy (METC, PETC, GFPO), Utah Power and Light Co., Los Alamos National Laboratory, the National Science Foundation, Tennessee Valley Authority, Empire State Electric Energy Research Co. and several others. Areas of emphasis have included fossil fuel combustion and pollutant emissions, theory of combustion, rocket propulsion combustion, coal gasification, fires and explosions.

In May, 1986, Dr. Smoot was named the founding Director of the newly-organized Advanced Combustion Engineering Research Center, a joint effort with the University of Utah. This Center was sponsored by the National Science Foundation, the State of Utah, and fifty corporations and agencies in the United States, with an annual budget of about \$5,000,000 and with a goal to develop computer-aided design technology for advanced combustion systems. In this position, he directed the largest research program on the BYU campus which involved forty faculty and professionals and a hundred research students on the two campuses for twelve years.

He is a member of AIChE, ASEE, Combustion Institute and the National Fire Protection Association, and has received six state or regional awards. He has published over one hundred peer-reviewed papers and invited reviews, over 100 other technical articles, four books and five chapters in books on combustion, fires and explosions. He served on the Governor's Science and Technology Advisory Council for the State of Utah. He was given the 1985 Distinguished Faculty

Award at BYU and the same year received the University's Presidential Award. He also received the first Governor's Medal for Science and Technology in the State of Utah in 1987. In 1994, he was confirmed by the U.S. Senate as a congressional advisor to the Office of Technology Assessment. The university awarded Dr. Smoot a professorship in combustion in 1994. In 1995, he received the Outstanding Faculty Award in BYU's College of Engineering and Technology. Also, in 1995-1996, he served as Assistant Commissioner of the Church Educational System, spending part of his time developing humanitarian service opportunities in higher education in developing nations. In October of 2002, the U.S. Department of Energy, Fossil Energy Division, presented its most distinguished award, the Homer H. Lowry Gold Medal, to Dr. Smoot for outstanding contributions to the science and technology of fossil energy. And, in his community of Provo, he has donated over 1000 hours per year for the past eight years in service on three different councils, including chairing of a successful effort to rescue and preserve the historic Brigham Young Academy Building as the home of the city's new library.

II. ACADEMIC RANK, POSITIONS

Assistant Professor, 1960-63
Associate Professor, 1967-69
Professor, 1970-2002
Department Chairman, 1970-77
Dean, 1977-1994
Head, Combustion Laboratory, 1977-1990
Director, Advanced Combustion Engineering Research Center, 1986-1997
University Professorship in Combustion, 1994-2002
Professor Emeritus, 2003-

III. DEGREES AND SCHOOLS

B.S., Chemistry, Brigham Young University, 1957
B.E.S., Chemical Engineering, Brigham Young University, 1957
M.S., Chemical Engineering, University of Washington, 1958
Ph.D., Chemical Engineering, University of Washington, 1960
Special Courses, Chemical Engineering, University of California, Los Angeles, 1965
Special Courses, Chemical Engineering, California Institute of Technology, 1966-67

IV. RELATED EXPERIENCE

A. <u>Teaching</u>	
1953	Lab Instructor, Chemistry, Brigham Young University
1954-56	Instructor, Mathematics, Brigham Young University
1958-59	Teaching Assistant, University of Washington
1960-63	Assistant Professor, Brigham Young University
1966-67	Visiting Assistant Professor, California Institute of Technology
1967-2002	Associate Professor, Professor, Brigham Young University
2003-	Professor Emeritus, Brigham Young University

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· B. Industrial

1956 (summer) Student Engineer, Boeing Airplane Company, Plastics Division, Seattle, Washington

1957 (summer) Process Engineer, Phillips Petroleum Company, Atomic Energy Division, Bacchus, Utah

Senior Development Engineer, Hercules Power Company, Chemical Propulsion Div., Bacchus, Utah 1961-62 Senior Technical Specialist, Supervisor, Project Engineer, Program Manager, Lockheed Propulsion 1963-67

Company, Redlands, California

V. RECENT PUBLICATIONS (1993-2002)

In the past decade, Dr. Smoot has edited and co-authored two new books on combustion, co-authored four combustion chapters in prominent encyclopedias, published six invited review articles, and twenty-two peer-reviewed papers based on original research. This list of publications totals over 230 in the past four decades.

VL BIOGRAPHY LISTINGS

Who's Who in Technology Today Who's Who in the West Who's Who in America American Men and Women in Science

Who's Who in Consulting Who's Who in Aviation Who's Who in Engineering

VII. COMPANIES CONSULTED FOR

Hercules, Inc., Salt Lake City, Utah

Thiokol Chemical Corporation, Brigham City, Utah

Lockheed, Redlands, California and Sunnyvale, California

Teledyne Corporation, Hollister, California

Raytheon Corporation, Bedford, Massachusetts

Redd and Redd, Salt Lake City, Utah

Billings Energy Corporation, Provo, Utah

Ford, Bacon and Davis, Salt Lake City, Utah

Jaycor, Inc., Del Mar, California

Atlantic Research Corporation, Arlington, Virginia

Intel Com Radiation Technology, San Diego, California

Physical Dynamics, Berkeley, California

National Society of Propellants and Explosives, Paris, France

DFVLR, West Germany

Martin Marietta Corporation, Denver, Colorado

Honeywell Corporation, Minneapolis Minnesota

National Bureau of Standards, Washington, D.C.

Systems, Science and Software, San Diego, California

Lockheed Research Laboratories, Palo Alto, California

Exxon Corp., Floram Park, New Jersey

Los Alamos National Laboratory, New Mexico

Phillips Petroleum Co., Bartlesville, Oklahoma

Eyring Research Institute, Provo, Utah

Utah Power & Light Co., Salt Lake City, Utah

U.S. Department of Energy, Washington D.C.

Tennessee Valley Authority, Chattanooga, Tennessee

U.S. Department of Energy, Morgantown Energy Technology Center

Mountain States Energy Co., Bozeman, Montana

Energy and Environmental Research Corp., Irvine, California

Science Applications International Corporation, San Diego, California

Argonne National laboratory, Chicago, Illinois

Kirkland And Ellis, Chicago, Illinois

Continuum Corp., Huntsville, Alabama

Bituminous Coal Research Institute, Pittsburgh, Pennsylvania

Empire State Electric Energy Research Corp., New York, New York

Supreme Council of Universities, Cairo, Egypt

Intermountain Fuel Corporation, Salt Lake City, Utah

Science Applications International, San Diego, California

Carbon Fuels Inc., Denver, Colorado

Howard, Lewis and Peterson, Provo, Utah

TRW Corp., North Carolina

ADA Corporation, Aurora, Colorado

Geneva Steel, Provo, Utah

Ray, Quinney and Nebeker, Salt Lake City, Utah

Envirochem Corp., Orem, Utah

Pacific Generation Co., Portland, Oregon

Fisher and Hurst, San Francisco, California

Kimball and Parr, Salt Lake City, Utah

Wilcox, Dewsnup and King, Salt Lake City, Utah

Anderson and Schwab, Inc., New York, New York

Covol, Inc., Lehi, Utah

Combustion Resources, LLC, Provo, Utah

Bell, Metzner, Gierhart and Moore, S.C., Madison, Wisconsin

Venturi Technologies, Orem, Utah

Pacific Corp., Portland, Oregon

Purwox, Inc., Las Vegas, Nevada

MCNIC Pipeline and Processing Co., Detroit, Michigan

Earthco Corp., Indianapolis, Indiana

Keleher and McCloud, Albuquerque, New Mexico

Butkus and Reimer, Albuquerque, New Mexico

Simonsen, Hess and Leibowitz, New York, New York

Broening, Oberg, Woods, Wilson and Cass, Phoenix, Arizona

Holme, Roberts and Owen, Salt Lake City, Utah

Johns and Flaherty, LaCross, Wisconsin

Kasieta Legal Group, Madison, Wisconsin

Dana G. Kirk, Houston, Texas

Crowe and Scott, Phoenix, Arizona

Kemp Law Firm, Dallas, Texas

Mitchell, McNutt, et al., Jackson, Mississippi

Cozen and O'Connor, San Diego, California

Gary C. Mitchell, P.C., Ruidoso, New Mexico

Dixon, Truman and Kelleher, Las Vegas, Nevada

Berg, Simpson, Eldredge and Hersh, P.C., Englewood, Colorado

Several others

VIII. SCIENTIFIC AND PROFESSIONAL SOCIETY ACTIVITIES

Utah, Registered Professional Engineer No. 2732

Member, Sigma Xi and Research Society of America

Member, American Institute of Chemical Engineers

Member, American Society for Engineering Education

Member, Phi Lambda Epsilon

Member, International Tripartite Technical Cooperative Program Attenuation Working Group, 1966-72

Chairman, Ad Hoc Committee on Hybrid Combustion, U.S. Interagency Chemical Rocket Propulsion Group, 1965-67

Chairman, Research Society of American (RESA), Lockheed Propulsion Company Branch, 1967

Chairman, Technical Session, American Institute of Chemical Engineers National Mtg., Los Angeles, California, 1968

Session Chairman, Aerospace Corporation Special Conference on Exhaust Volume Technology, July, 1968

Program Chairman, Brigham Young University Engineering Symposium, 1962-63

General Co-Chairman, National Meeting of 6th Joint Army-Navy-NASA-Air Force Plume Technology Conference Monterey, California, 1967

Member, Papers Committee, International Combustion Institute Symposia, 1968-1980

Board of Directors, Great Salt Lake Section, AIChE, 1972-1973

Co-Chairman, Combustion Fundamentals Sessions, National AIChE Meeting, New Orleans, LA., November, 1981

Governor's Science and Technology Advisory Council, State of Utah, 1979-1982

U.S. Department of Energy, Coal Combustion Applications Working Group, 1982-83

Co-Chairman, Engineering Dean's Institute, Salt Lake City, Utah, March 1982

Member, Editorial Board, Progress in Energy and Combustion Science, 1982-present

Member, Program Committee, International Combustion Symposium, 1984-present

Member, Board of Directors, International Combustion Institute, 1984-1996

Member, Board of Directors, Engineering Dean's Council, 1984-1990

Member, FASAC Committee, for review of Soviet Low Energy Combustion Research, 1985-1986.

Member, Advisory Council, Office of Technology Assessment, Washington, DC, 1994-1995

Member, National Fire Protection Association, 1998

IX. HONORS AND AWARDS

Outstanding Graduate, BYU Chemical Engineering, 1957

Graduated with Highest Honors, Brigham Young University, 1957

Undergraduate Student Award, Outstanding Chemical Engineering Professor, 1970

Panel Member, National Academy of Sciences, Plume Emissions Panel, 1972-73

Outstanding Engineering Educator Award, State of Utah (EJC), 1975

BYU Maeser Research Award, 1975

Outstanding Aerospace Educator Award, State of Utah, 1975

Outstanding Engineer, State of Utah (AIAA), 1977

Educator of the Year, Society of Manufacturing Engineers-Region VII, Western United States, Pasadena, California, October 7, 1978

Outstanding Alumnus Award, Springville High School, Utah, 1980

Distinguished Faculty Lecturer, Brigham Young University, 1985

Presidential Medal, Brigham Young University, 1985

Governor's Medal for Science and Technology, State of Utah, 1987

Chaired Professorship in Combustion, Brigham Young University, 1994

Outstanding Faculty Member, College of Engineering and Technology, 1995

Provo City Reed Smoot Community Service Award, Provo-Orem Chamber of Commerce, 1997

Provo City Citizen of the Year Award, Provo Kiwanis Club, 1997

Utah Heritage Foundation, Heritage Award, 1999

Provo City Citizen of the Year Award, Provo-Orem Chamber of Commerce 2001

U.S. Department of Energy, Homer H. Lowry Gold Medal, 2002

X. RECENT EXPERT WITNESS WORK

1. Howard, Lewis, and Peterson, Provo, Utah

Consultants - Drs. L. Douglas Smoot and Stephen K. Kramer

Firm contact - Mr. Jackson Howard

Case (1984) - Witnessed for the plaintiff who was injured in a dust explosion/fire while cleaning process equipment at a Gilsonite plant. The ignition and explosion characteristics of Gilsonite were identified and compared with coal and other dusts.

2. Howard, Lewis, and Peterson, Provo, Utah

Consultants - Drs. L. Douglas Smoot and Stephen K. Kramer

Firm contact - Mr. Jackson Howard

Case (1989) - Witnessed for the plaintiff where plaintiff was injured while firing a black powder rifle with smokeless powder. The characteristics and burning rate of black powder and smokeless powder were compared. A computer model was developed to simulate effects. Testimony was provided at the trial.

3. Clyde, Pratt, Gibbs, and Cahoon, Los Angeles, California

Consultant - Dr. L. Douglas Smoot

Firm contact - Mr. Lee Pratt

Case (1985) - Witnessed for the defendant in a case concerning a coal dust explosion and fire near a large power generating plant operated by the Nevada Power Company. Settled before trial.

4. Kimball and Parr, Salt Lake City, Utah

Consultant - Dr. L. Douglas Smoot

Firm contact - Mr. Steven Christiansen

Case (1988) - Provided consulting services regarding pollutant emission regulations relating to the Geneva Steel plant in Utah County. Settled before trial.

5. Kirkland and Ellis, Chicago, Illinois

Consultants - Drs. L. Douglas Smoot and Craig N. Eatough

Firm contact - Mr. Robert Krupka

Case (1988) - Witnessed for the defendant in Dow-Texaco trade secret case involving a large, industrial-scale coal gasification process. Different coal-water slurry delivery systems were analyzed and comparisons of similarities and differences in the two gasification processes were considered in light of public domain information. Settled before trial and depositions.

6. Fisher and Hurst, San Francisco, California

Consultants - Drs. L. Douglas Smoot and Stephen K. Kramer

Firm contact - Mr. Roland Stevens

Case (1989-1990) - Witness was provided for the plaintiff concerning the origin and effects of a fire in the Wilberg coal mine that caused the deaths of 27 people. The autoignition and combustion of compressor oil in the air compressor was considered and calculated effects were matched with examination of the failed equipment. A computer model was developed of the crosscut fire and used to provide approximate times that were then matched to observations made by mine employees. Extensive testimony was provided during depositions and the trial.

7. Ray, Quinney, and Nebeker, Salt Lake City, Utah

Consultants - Drs. L. Douglas Smoot and Craig N. Eatough

Firm contact - Mr. Steven Aeschbacher

Case (1992) - Witnessed for plaintiff who was burned while filling a five gallon gasoline can in the back of his pick-up. The possible sources of ignition were evaluated and the likely cause established. Settled before trial and depositions.

8. Wilcox, Dewsnup, and King, Salt Lake City, Utah

Consultants - Drs. L. Douglas Smoot and Paul O. Berrett (EE)

Firm contact - Mr. Brent Wilcox

Case (1994-1995) - Witness for plaintiff who was badly burned in accidental fire during heating of oil prior to truck transport. Provided technical analysis on cause and origin.

9. Anderson and Schwab, New York

Consultants - Dr. L. Douglas Smoot

Contact - Mr. Van Tingley

Case - Expert consultant for U.S. Justice Department accused of preventing development of a gasification project on Wyoming coal mine lands. Provided technical services. Case settled prior to depositions.

10. Wilcox, Dewsnup, and King, Salt Lake City, Utah

Consultants - Drs. L. Douglas Smoot, Stephen K. Kramer, Craig N. Eatough and Scott C. Hill

Firm contact - Mr. Jeffery Eisenberg

Case (1994-1997) - Witness for the plaintiff who was badly burned while laying carpet in the basement of a home while using a volatile contact cement. Fire cause was confirmed and cement conformance with regulations investigated. Provided depositions. Case settled following depositions (September, 1997).

11. Kimball, Parr, Waddoups, Brown and Gee, Salt Lake City, Utah

(Subsequently Johnson and Hatch, Salt Lake City, Utah)

Consultants - Drs. L. Douglas Smoot, Craig N. Eatough and Scott C. Hill

Firm Contacts - Mr. Clark Waddoups, Mr. Paul Drecksel

Case (1997-1998) - Geneva Steel vs. Commerce and Industry Insurance Co. Witness for plaintiff (Geneva Steel Co.) whose coke batteries were allegedly damaged during a power outage. Conducted computerized analysis of pressure and temperature transients. Depositions provided. Case settled, August, 1998.

12. Bell, Metzner, Gierhart and Moore, Madison, Wisconsin

(Subsequently Robert Kasieta Legal Group, Madison, Wisconsin)

Consultants - Drs. L. Douglas Smoot, Craig N. Eatough and Scott C. Hill

Firm Contact - Mr. Houston Parrish (Subsequently Mr. Robert Kasieta)

Case (1996-1997) - Olsen vs. Northern Engraving, et al. Witness for defendant (AAR Power Boss, Inc.) in an acetone vapor-liquid fire during floor cleaning at an industrial site with a floor scrubber. Provided analyses and opinions on behavior of acetone. Depositions provided. Case settled with defendant following depositions (October, 1997).

13. Butkus and Reimer, P.C., Attorneys at Law, Albuquerque, New Mexico

(Subsequently Kelcher and Mcleod, P.A., Albuquerque, New Mexico)

Consultants - Drs. L. Douglas Smoot, Craig N. Eatough, Brent Strong and David Jensen

Firm Contact - Mr. R. Galen Reimer (Subsequently Mr. M. Charles Pharris)

Case (1997- 1999) Witness for the defendant in Langley vs. Maytag Corp. Providing consulting services, fire analysis and testimony for the defendant (Maytag Corp.) on a fire at a Carrizozo, NM ranch house in 1994. Fire allegedly started by overheated freezer. Depositions in January and May, 1998. Case settled, Feb. 1999.

14. Johns and Flaherty, S.C., Attorneys, La Crosse, Wisconsin

Consultants - Drs. L. Douglas Smoot and Scott C. Hill

Firm Contact - Mr. Michael L. Stoker

Case (1997-1998) - Olsen vs. Northern Engraving, et al. Consultant for plaintiff (Mr. Gilbert Olsen) to perform computerized fire-site simulations for the acetone vapor-liquid fire in 1994 during floor cleaning with a scrubber at an industrial site. Case settled before depositions on this part of the case.

. 15. Holme, Roberts and Owen, LLP, Sait Lake City, Utah

Consultants - Drs. L. Douglas Smoot, Craig N. Eatough and David Jensen

Firm Contacts - Mr. George M. Haley, Mr. Gregory J. Savage

Case (1997-) - Clayton vs. Alpine Supply Co. Witness for plaintiff injured in an explosion of a gas-fired fireplace insert in July, 1997. Conducted analyses of fireplace and incident and reviewed standards. Case active; depositions, August, 1999. Case settled, October 1999.

16. Simonsen, Hess and Leibowitz, P.D., New York, New York

Consultants - Drs. L. Douglas Smoot, Craig N. Eatough, Geoffrey J. Germane and Mr. Robert Jackson

Firm Contact - Mr. Alan B. Leibowitz

Case (1998-) - Hickey vs. Chrysler Corp/Lazar's Auto Sales. Witness for plaintiff on fire/explosion origin and cause during 1990 Jeep Wrangler rollover and fire in April, 1992, near Mt. Kisco, NY, where driver was fatally injured. Case settled, October 1999.

17. Broening, Oberg, Woods, Wilson and Cass, P.C., Phoenix, Arizona

Consultants - Drs. L. Douglas Smoot and Craig N. Eatough

Firm Contact - Mr. James R. Broening, Mr. Bruce Preston

Case (1998-) - ASARCO vs. Geneva Steel, et al. Witness for defendant, Geneva Steel, regarding an explosion in January, 1996, in a slag-cleaning furnace at a copper smelter in Hayden, AZ, allegedly from use of coke breeze product provided by the defendant. Two workers were injured. File completed, deposition, mid 2002; case pending.

18. Dana G. Kirk Law Offices, Houston Texas.

Consultants - Dr. L. Douglas Smoot

Firm Contact - Mr. Dana G. Kirk

Case (1999 - 2000) - Witness for Plaintiffs vs. Formosa Chemical Company. Explosion of Ethylene Dichloride plant, injuries reportedly of 45 people. Preliminary information provided, no further action.

19. Crowe and Scott, P.A., Phoenix, Arizona.

Consultants - Drs. L. Douglas Smoot and Dale R. Tree; Mr. Robert E. Jackson

Firm Contact - Mr. Thomas Crowe

Case (1999 -) - Witness for defendants in Federal Government vs. Knight, et al. Blending of diesel fuel with heavier fuel oil for transportation fuel. Criminal case settled;

20. Kemp Law Firm, Dallas, Texas.

Consultants - Drs. L. Douglas Smoot and Scott S. Hill; Mr. Robert Jackson.

Firm Contact - Mr. David O. Kemp

Case (1998-1999) - Witness for plaintiffs in Delta Counseling Associates, Inc. vs. Doss Heating and Air Conditioning Co., Inc., et. al. (No. Civ. 95-21-2). Nighttime fire (Jan. 15, 1993) in counseling center, allegedly caused by improperly installed natural gas furnace; destroyed building in Lake Village, Arkansas. Depositions, August, 1999; case settled, October, 1999.

21. Mitchell, McNutt, Threadgill, Smith and Sams, P.A., Jackson, Mississippi.

Consultants - Drs. Geoffery Germane (Germane Engineering) Scott C. Hill, Craig N. Eatough,

L. Douglas Smoot.

Firm Contacts - Miles Parker and Tim Warren

Case (1999 -) Witnesses for plaintiffs. Coal-fired utility furnace exploded in Kansas City, Kansas, Feb. 17, 1999 during furnace planned downtime. Preliminary cause investigation. No complaint filed. Case terminated.

22. Cozen and O'Connor Law Unices, San Diego, California

Consultant - Dr. L. Douglas Smoot

Firm Contact - Mr. Kevin D. Bush

Case (1999-2000) - Consultant for plaintiff. Explosion of crude oil storage tank in Woods Cross, Utah, on Nov. 12, 1998. Conducted preliminary analysis. No complaint filed. Case terminated after preliminary investigation.

23. Dewsnup, King and Olsen, Law Offices, Salt Lake City, Utah

Consultant - Dr. L. Douglas Smoot

Firm Contact - Mr. Jeffrey D. Eisenberg

Case (1999-2000) - Consultant for the plaintiff. Ammonium perchlorate (AP) in a bag - house cleaning system at an AP manufacturing plant near Cedar City, Utah caught fire during manual cleaning on July 30, 1997, with one worker killed, another seriously injured. Preliminary investigation completed. Case inactive.

24. Gary C. Mitchell, P.C., Law Offices; Ruidoso, New Mexico

Consultant - Dr. L. Douglas Smoot

Firm Contact - Ms. Shawn M. Boyne, Mr. Gary C. Mitchell

Case (2000-) - Consultant for the plaintiff. Ignition and severe fire inside a moving pickup truck cab on Jan. 24, 1998 where a container of smokeless gun powder was being transported from gunshop to home. Two serious injuries. Complaint filed; some depositions taken. Investigation completed. No further action.

25. Dixon and Truman, Law Offices, Las Vegas, Nevada

Consultant - L. Douglas Smoot

Firm Contacts - Thom Gover, Bryce Dixon

Case (2000 -) - Consultant for the plaintiff. On Feb. 27, 1999, a fire occurred when the defendant was filling small gasoline cans in a lined truck bed; he was seriously injured. Technical work ongoing Site and vehicle inspection were completed. Deposition taken, 2002. Case settled, 2002.

26. Berg, Simpson, Eldredge, Hersh P.C., Englewood, Colorado

Consultant - Dr. L. Douglas Smoot

Firm Contact - Mr. Joseph Kaupie

Case (2000 -) - Consultant for the plaintiff. A direct-vent fireplace exploded in Breckenridge, Colorado

7000 ft. altitude. Preliminary work conducted. Case inactive.

27. Bues, Gilbert, Phoenix, Arizona

Consultant - Dr. L. Douglas Smoot

Firm Contact - Mr. Joseph B. Pierce

Case (2000 -) - Witness for the plaintiff. Mr. Knight v. U.S. Government. Mr. Knight was acquitted as a defendant in a criminal case wherein he allegedly had fraudulently blended and marketed truck diesel fuel in Arizona that did not meet specifications. Following settlement of criminal case (2000), the plaintiff filed a complaint against the federal government for damages resulting from the federal suit. Technical work on-going. Deposition anticipated. Case pending.

28. Williams, Dailey, and O'Leary, P.C., Portland, OR.

Consultant - Dr. L. Douglas Smoot

Firm Contact - Kathleen M. Dailey

Case (2001) - Consultant for the plaintiff. Plaintiff was injured in head on automobile collision and subsequent fire. Consultant provided preliminary consulting services. No complaint filed.